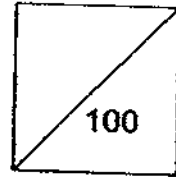




HENRY PARK PRIMARY SCHOOL
2009 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 3



Name: _____ ()

Parent's Signature

Class: Pr 3 _____

Duration of Paper: 1 h 30 min

Section A: (20 x 2 marks = 40 marks)

Choose the correct answer and write its number in the brackets provided.
You are required to shade the OAS at the end of the examination.

1. In 3576, the digit 5 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

()

2. What is the product of 763×7 ?

- (1) 4921
- (2) 4941
- (3) 5321
- (4) 5341

()

3. 5920 m is the same as _____

- (1) 5 km 92 m
- (2) 5 km 920 m
- (3) 59 km 2 m
- (4) 59 km 20 m

()

4. Mother is cooking a dish that needs 1 kg of tomatoes. She has 90 g of tomatoes in the kitchen. How many more grams of tomatoes does she need to buy?

- (1) 10 g
- (2) 190 g
- (3) 910 g
- (4) 1090 g

()

5. What is 24 ml more than 5000 ml?

- (1) 524 ml
- (2) 4976 ml
- (3) 5024 ml
- (4) 5240 ml

()

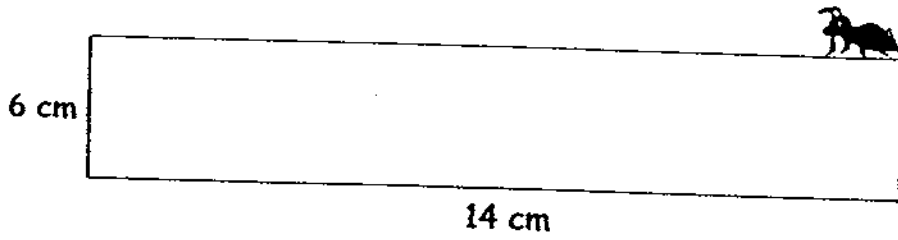
6. $\frac{8}{12} = \frac{\square}{3}$

What is the missing number in the box?

- (1) 1
- (2) 2
- (3) 24
- (4) 4

()

7. An ant crawled along all of the sides of a wooden plank once. The length of the wooden plank was 14 cm. Its breadth was 6 cm. What was the distance covered by the ant?



- (1) 20 cm
- (2) 26 cm
- (3) 40 cm
- (4) 84 cm

()

8. The numeral that shows 2 thousands, 13 hundreds and 2 tens is _____

- (1) 2132
- (2) 2320
- (3) 3302
- (4) 3320

()

9. The numbers below follow a pattern.

30, 40, 60, 90, , 180, 240

What is the missing number in the box?

- (1) 120
- (2) 130
- (3) 140
- (4) 150

()

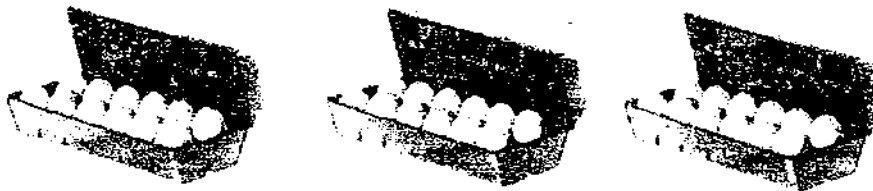
10. $2491 + \boxed{} = 5871$

What is the missing number in the box?

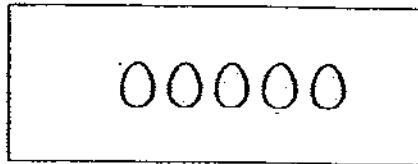
- (1) 3380
- (2) 3420
- (3) 3580
- (4) 8362

()

11.



Eggs left:



After Emma placed the eggs into 3 cartons as shown above, she had 5 eggs left. How many eggs did she have in all?

- (1) 17
- (2) 31
- (3) 36
- (4) 41

()

12. Joseph paid the shopkeeper \$50 for 5 yo-yos. He received \$15 as the change. How much did a yo-yo cost?

- (1) \$3.00
- (2) \$5.00
- (3) \$7.00
- (4) \$10.00

()

13. Faiz spent 1 h 25 min eating his dinner. He then spent 2 h 40 min studying for his test. How much time did he spend in all?

- (1) 1 h 15 min
- (2) 3 h 5 min
- (3) 3 h 40 min
- (4) 4 h 5 min

()

14. The table below shows the distance cycled by 4 boys.

Boy	Ali	Benny	Cheng Yi	Deepak
Distance cycled	1 km 5 m 1005m	1 km 50 m 1050m	1500 m	1005 m

Who cycled the longest distance?

- (1) Ali
- (2) Benny
- (3) Cheng Yi
- (4) Deepak

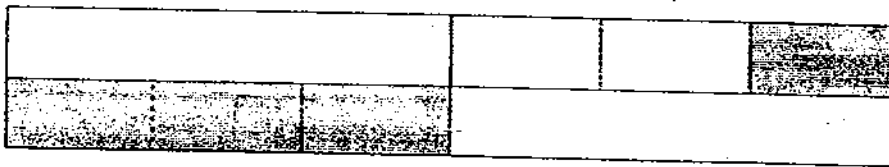
()

15. Ahmad weighs 42 kg. He is 18 kg heavier than Joel. What is their total mass?

- (1) 24 kg
- (2) 60 kg
- (3) 66 kg
- (4) 102 kg

()

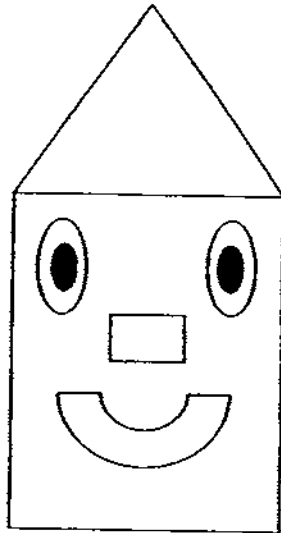
16. What fraction of the figure is shaded?



- (1) $\frac{1}{2}$
- (2) $\frac{1}{3}$
- (3) $\frac{2}{3}$
- (4) $\frac{3}{4}$

()

17. How many right angles are there in the diagram below?



- (1) 15
- (2) 11
- (3) 8
- (4) 4

()

18. A piece of square paper has a perimeter of 12 cm.
What is the area of the square paper?

- (1) 3 cm^2
- (2) 6 cm^2
- (3) 9 cm^2
- (4) 144 cm^2

()

19. At a fair, Sam had 58 fishballs more than Maliki. After Sam sold 129 fishballs, he was left with 76 of them. How many fishballs did Maliki have if he did not sell any fishballs?

- (1) 53
- (2) 147
- (3) 205
- (4) 263

()

20. Susan mixes 150 ml of lemon juice, 500 ml of orange juice and 600 ml of cold water together. Which one of the following is the most suitable container to hold the mixture?

- (1) 1-l jug
- (2) 950-ml juice tumbler
- (3) 1200-ml pitcher
- (4) 1500-ml bottle

()

NAME: _____ ()

CLASS: _____

Section B: Open-Ended (20 x 2 marks = 40 marks)

Read the following questions carefully and write your answers in the boxes provided.
Show all your workings clearly.

21. $397 \div 8 = \underline{\hspace{2cm}} \text{ R } \underline{\hspace{2cm}}$

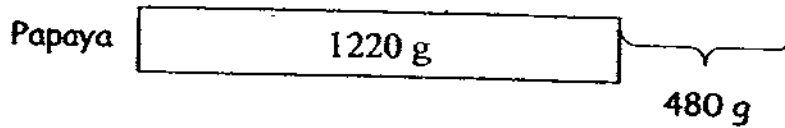
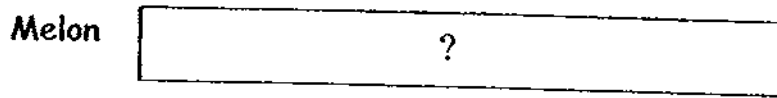
<hr/> R <hr/>

22. $\$29.75 - \$3.50 = \boxed{\hspace{4cm}}$

What is the missing value in the box?

--

23. The model below represents the mass of a papaya and a melon.



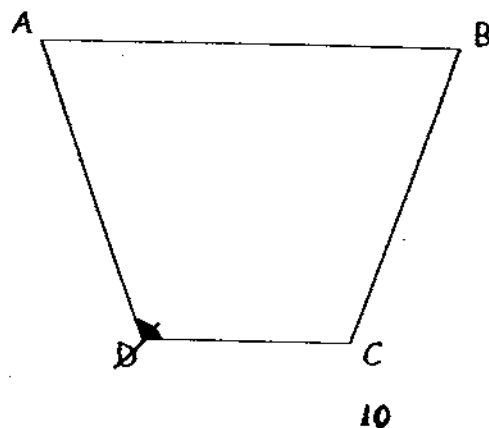
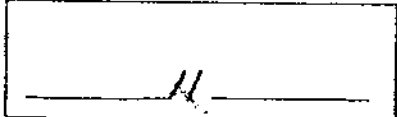
What is the mass of the melon?



24. Find the value of $\frac{1}{5}$ and $\frac{1}{10}$.



25. (a) Name the pair of parallel lines from the figure.
 (b) Shade an angle that is greater than a right angle.

26. Using the digits 6, 7, 0, 8, write the largest 4-digit number that is smaller than 7800.

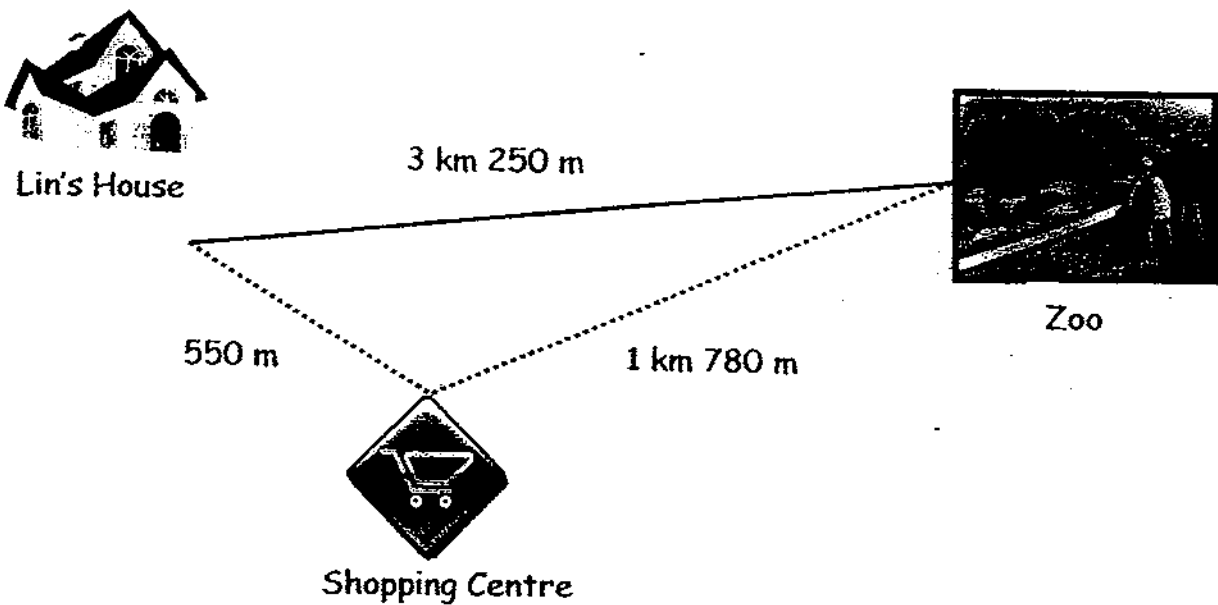
27. At a movie screening there were 569 men, 795 women and 428 children. How many people attended the movie screening?

28. A plate of beef steak is sold at \$32. It costs 4 times as much as a plate of fried rice. How much more money does a plate of beef steak cost than a plate of fried rice?

29. A movie started at 11.30 p.m. and ended at 1.15 a.m. How long was the movie in hours and minutes?

_____	h	_____	min
-------	---	-------	-----

30. Look at the diagram below. Lin can travel to the Zoo using either route A or route B. How much longer is route A than route B?



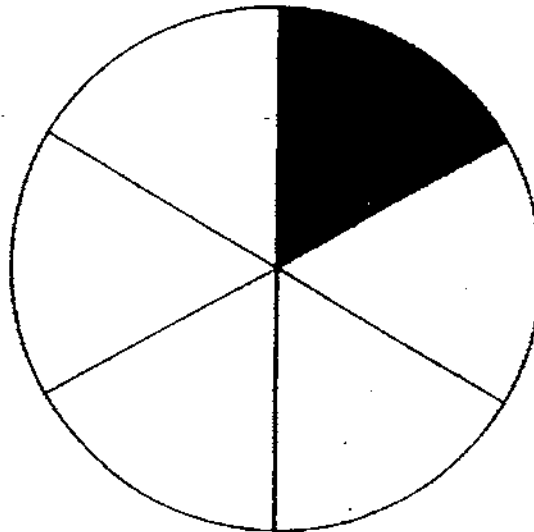
Route A

Route B

_____	m
-------	---

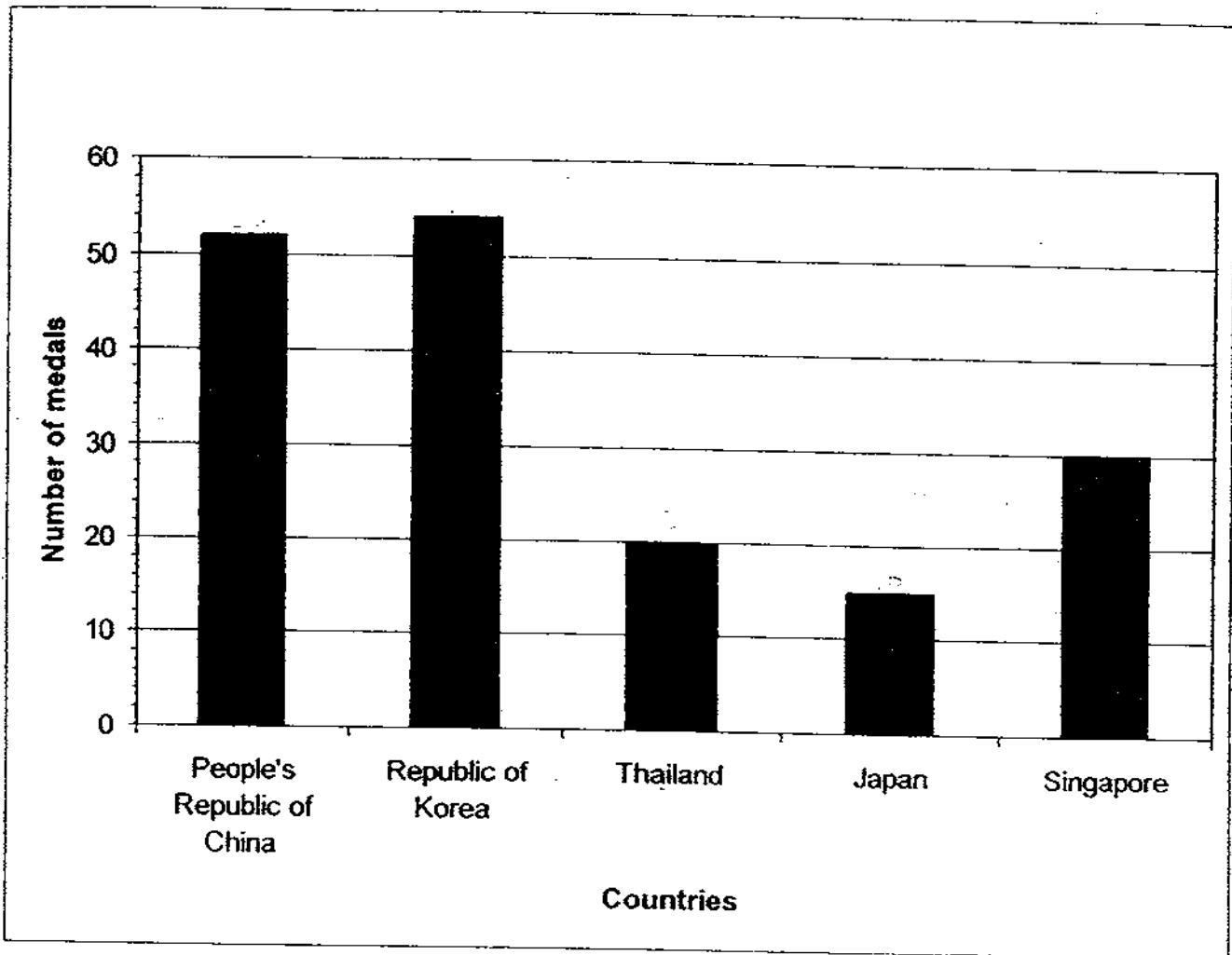
31. The recommended water intake for each child is 2 ℓ of liquid per day.
How much liquid should a teacher prepare for 36 children attending a 3-day camp?

32. How many more parts need to be shaded so that $\frac{2}{3}$ of the circle is shaded?



(3)

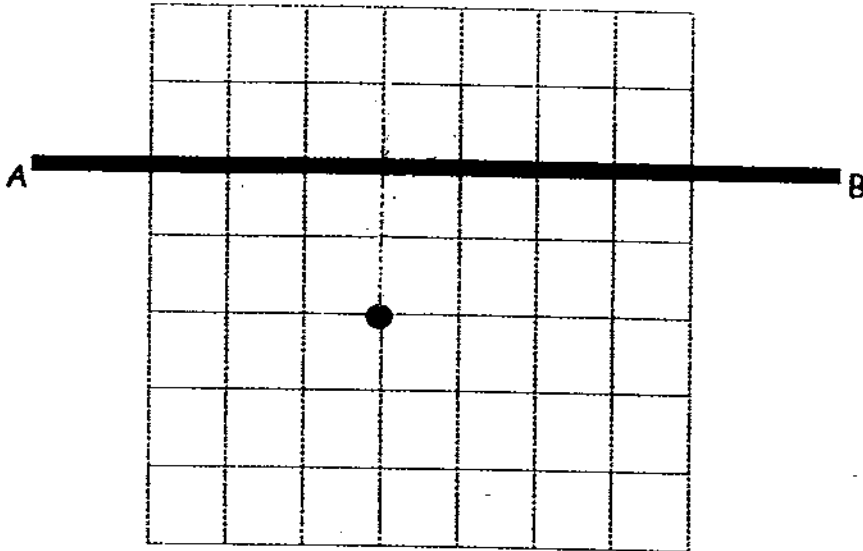
The bar graph below shows the number of medals won by countries that participated in the Asian Youth Games 2009. Use the information to answer questions 33 and 34.



33. How many more medals did People's Republic of China win than Thailand?

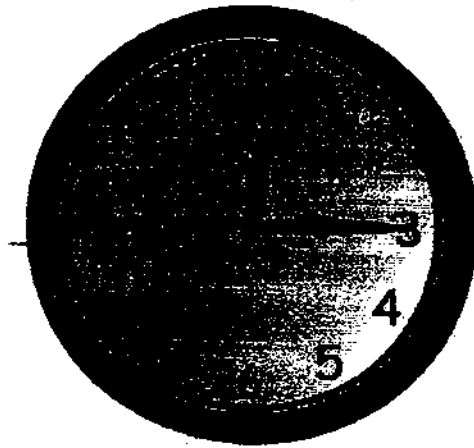
34. How many countries won more than 20 medals?

35. On the square grid, draw a straight line that passes through the black dot and is perpendicular to AB.



36. There were 860 adults at the stadium. 3 times as many men as women were at the stadium. How many men were there?

37. The clock in the hall is 35 minutes faster. It shows 12.15 p.m now. What is the actual time?



a.m.


38. Marcus had 2 pieces of string. String A was 35 cm longer than string B. He cut 8 cm from string B and attached it to string A. How much longer was string A than string B then?

cm

39. Finella has 12 marbles. $\frac{1}{2}$ of the marbles are white while the rest are black and green. There are 4 black marbles. What fraction of the marbles is green? Write your answer in the simplest form.

40. Two sisters are sewing a rectangular quilt with square pieces of unused cloth. The area of the quilt is 225 m^2 . The side of each square piece of unused cloth is 3 m. How many square pieces of cloth do they need for the quilt?



A square piece of used cloth:  3 m
3 m

NAME: _____ ()

CLASS: _____

Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the problem sums carefully before solving it. Show all your workings clearly.

41. There are 3375 students in Berry Park Primary School. 1493 of them are girls and the rest are boys. How many fewer girls than boys are there?

Working

42. Eight children bought 4 boxes of apples altogether. Each box contained 126 apples. They shared the apples equally. How many apples did each child get?

Working

43. Angela, Bala and Cheng Hao have 872 marbles altogether. Angela has 4 times as many marbles as Bala. Cheng Hao has 50 more marbles than Bala. How many marbles does Bala have?

Working

44. A luggage cost \$270 and it cost thrice as much as a handbag. After buying 1 luggage and 6 similar handbags, Mrs Seng had \$19 left. How much did Mrs Seng have in the beginning?

Working

45. A piece of wire was cut into exactly 23 smaller pieces of equal length.
Each of the smaller pieces was bent into a square.
Each square has an area of 4 cm^2 .
What was the original length of wire?

Working

-END OF PAPER-

Setters: Mr Tseng Lin Fang & Mrs Katherine Teo

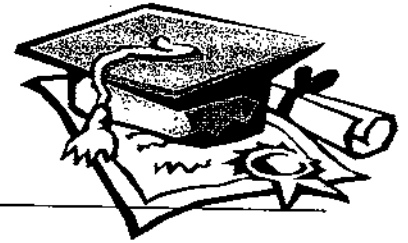


ANSWER SHEET

EXAM PAPER 2009

SCHOOL : HENRY PARK PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	4	2	3	3	2	3	4	2	1	4	3	4	3	3	2	3

Q18	Q19	Q20
3	2	4

21)49 R 5 22)\$26.25 23)1700g 24)3/10 25)AB//DC

26)7680 27)1792 people 28)\$24 29)1h 45 min 30)920m

31)216L 32)3 33)32 34)3 35)

36)645 37)11.40a.m. 38)51cm

39)1/6 40)25

41)3375-1493=1882
1882-1493=389

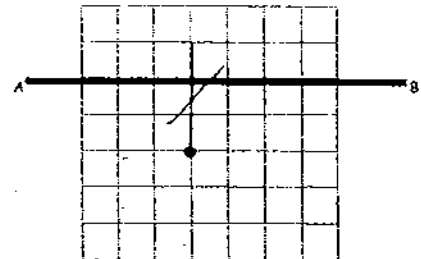
There are 389 fewer girls than boys.

42)4x126=504
504÷8=63

Each child get 63 apples

43)872-50=822
4 units+1 unit+1 unit=6 units
822÷6=137

Bala had 137 marbles.



44)\$270÷3=\$90

\$90x6=\$540

\$540+\$270=\$810

\$810+\$19=\$829

Mrs Seng had \$829 in the beginning

45)2cm+2cm+2cm=4cm²

4x2cm=8cm

23x8=184cm

The original length is 184cm